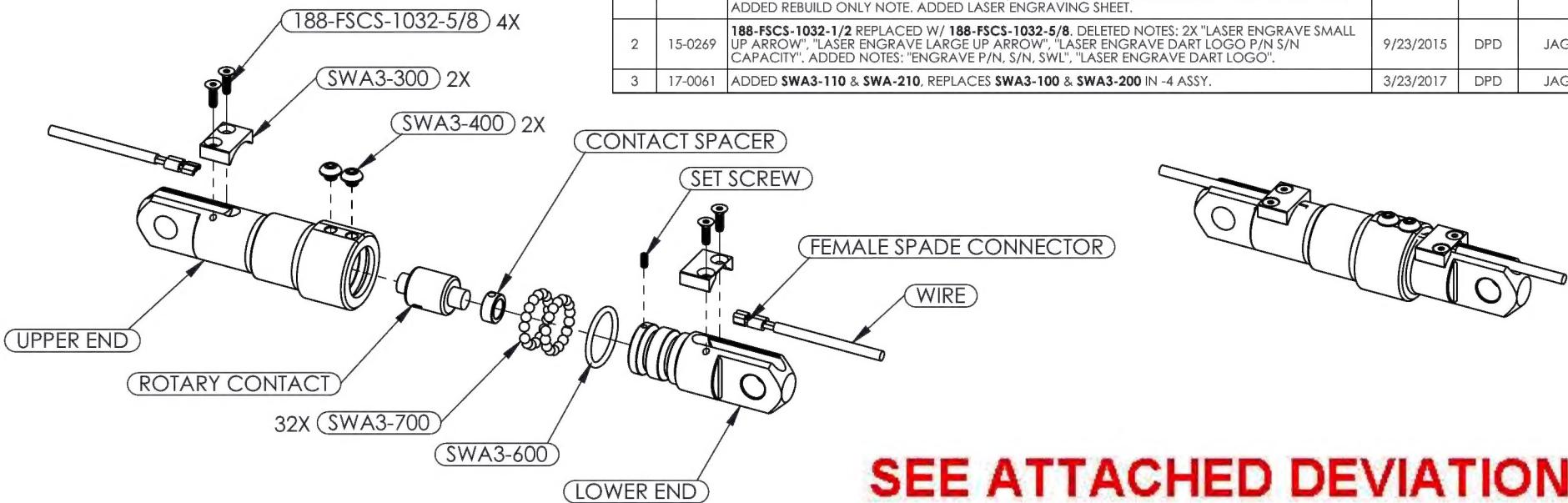


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
A		REPLACED ID DECAL 600.1318 WITH LASER ETCHING			11/16/2012	JAG	
B		REMOVED 2 WIRE HARNESS			8/8/2013	JAG	RW
1	15-0079	UPDATED TO NEW DRAFTING STANDARDS. ADDED SWA6A-2000, 188-FPSS-832-3/8, EL314-SJTOW CHD QTY'S: -2 ASSY WAS 6 IS 1, -3 ASSY WAS 6 IS 1. ADDED 6 FT. TO B/O INFO. EL404-ARTIC CHD QTY'S: -4 ASSY WAS 6 IS 1. ADDED 6 FT. TO B/O INFO. SWA6A-1900 CHD QTY'S: -4 ASSY WAS 8 IS 4. ADDED REBUILD ONLY NOTE, ADDED LASER ENGRAVING SHEET.			4/16/2015	DPD	JAG
2	15-0269	188-FSCS-1032-1/2 REPLACED W/ 188-FSCS-1032-5/8. DELETED NOTES: 2X "LASER ENGRAVE SMALL UP ARROW", "LASER ENGRAVE LARGE UP ARROW", "LASER ENGRAVE DART LOGO P/N S/N CAPACITY". ADDED NOTES: "ENGRAVE P/N, S/N, SWL", "LASER ENGRAVE DART LOGO".			9/23/2015	DPD	JAG
3	17-0061	ADDED SWA3-110 & SWA-210, REPLACES SWA3-100 & SWA3-200 IN -4 ASSY.			3/23/2017	DPD	JAG



SEE ATTACHED DEVIATION

-2 QTY	-3 QTY.	-4 QTY.	B/O	Part #	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
1	1	-		SWA3-100	UPPER END			1
-	-	1		SWA3-110	UPPER END			1
1	1	-		SWA3-200	LOWER END			1
-	-	1		SWA3-210	LOWER END			1
2	2	2		SWA3-300	WIRE CLAMP			1
2	2	2		SWA3-400	BUTTON HEAD SCREW			1
1	-	-		SWA3-500	CONTACT SPACER			1
-	1	1		SWA3-500B	CONTACT SPACER			1
1	1	1		SWA3-600	O-RING			1
32	32	32	B/O	SWA3-700	BALL BEARING	S.S.	Ø1/4 MCMASTER-CARR #9529K15	1
1	-	-	B/O	SWA6A-900A	ROTARY CONTACT		MERCOTAC #230	1
-	1	-	B/O	SWA6A-900B	ROTARY CONTACT		MERCOTAC #330	1
-	-	1	B/O	SWA6A-900C	ROTARY CONTACT		MERCOTAC #430	1
4	4	4	B/O	188-FSCS-1032-5/8	FLAT SOCKET CAP SCREW	S.S.	10-32 x 5/8 (MCMASTER-CARR #92210A303)	1
1	1	-	B/O	EL314-SJTOW	3 WIRE		6 FT. (TEXCAN #EL 314-SJ TOW 3/14)	1
-	-	1	B/O	EL414-ARTIC	4 WIRE		6 FT. (TRUCK & AUTO SUPPLY #EL 414-ARTIC 4/14)	1
-	1	1	B/O	188-FPSS-832-1/4	SET SCREW	18-8 S.S.	8-32 X 1/4 MCMASTER-CARR #92311A190	1
1	-	-	B/O	188-FPSS-832-3/8	SET SCREW	S.S.	8/32 X 3/8 (MCMASTER-CARR #92311A192)	1
4	6	4	B/O	SWA6A-1900	1/4" FEMALE SPADE CONNECTOR		(MCMASTER-CARR #69525K16)	1
-	-	4	B/O	SWA6A-2000	1/8" FEMALE SPADE CONNECTOR		(MCMASTER-CARR #69525K14)	1
1	1	1	B/O	600.1319	UP DECAL			N/S
1	1	1	B/O	EL-PLUG-F	FEMALE PLUG	PE High Density	(MCMASTER-CARR #7216K6)	1
1	1	1	B/O	EL-PLUG-M	MALE PLUG	PE High Density	(MCMASTER-CARR #7216K5)	1
-2 QTY	-3 QTY	-4 QTY						SCALE 1:4 DATE SHEET 1 OF 2

NOTES:

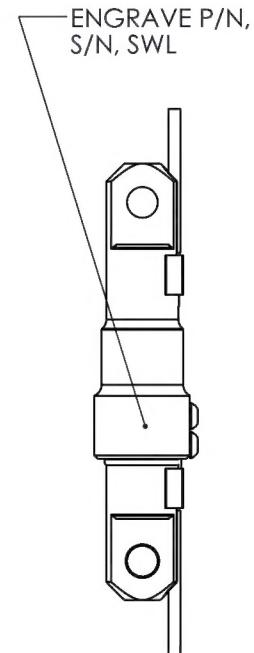
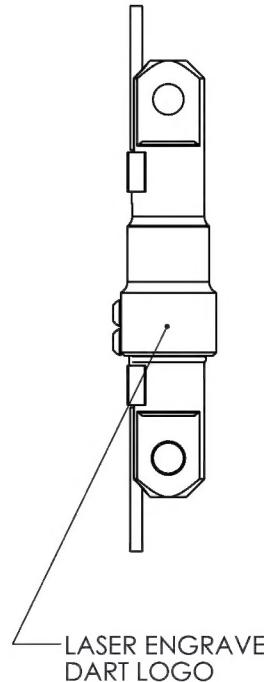
1. ALL ASSEMBLY TO BE DONE IN ACCORDANCE WITH SWA3 SWIVEL MANUAL.

FOR CUSTOMER REBUILD ONLY.

TITLE		REV
SWA3 SWIVEL		3
DWG NO.		
SWA3		
MAT'L		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
.XXX ± .005 FRACTIONS ± 1/8		
.XX ± .01 ANGLES ± 5°		
X ± .1 SURFACES = 125		
SPEC		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
DRAWN BY: CANAM		
CHECKED: SM 03/23/2017		
OPPS APPR: AA 03/28/2017		
QA APPR: JL 04/05/2017		
APPROVED: JAG 04/11/2017		
USED ON MODEL		
SCALE	1:4	DATE
SHEET 1 OF 2		

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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
1	15-0079	ADDED LASER ENGRAVING SHEET.			4/16/2015	DPD	JAG
2	15-0269	DELETED NOTES: 2X "LASER ENGRAVE SMALL UP ARROW", "LASER ENGRAVE LARGE UP ARROW", "LASER ENGRAVE DART LOGO P/N S/N CAPACITY". ADDED NOTES: "ENGRAVE P/N, S/N, SWL", "LASER ENGRAVE DART LOGO".			9/23/2015	DPD	JAG



SEE ATTACHED DEVIATION

DART AEROSPACE	
TITLE	
SWA3 SWIVEL	
DWG NO.	
SWA3	
REV 3	
MAT'L	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	
.XXX ± .005 FRACTIONS ± 1/8	
TREAT	
.XX ± .01 ANGLES ± 5°	
FINISH	
X ± .1 SURFACES = 125 ✓	
SPEC	
DRAWN BY: CANAM	
CHECKED: SM 03/23/2017	
OPPS APPR: AA 03/28/2017	
QA APPR: JL 04/05/2017	
APPROVED: JAG 04/11/2017	
USED ON MODEL	
SCALE 1:4	DATE
SHEET 2 OF 2	

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only

Job: _____ Part No. C series hooks and SWA Swivels		DISPOSITION		DEPARTMENT/PROCESS				
		Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Cross tube <input type="checkbox"/>	Eng. (Non-AW) <input checked="" type="checkbox"/>	Engineering <input type="checkbox"/>	
		Machining <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Water Jet <input type="checkbox"/>	
				Finishing <input type="checkbox"/>		Rec/Store/Packaging <input type="checkbox"/>	Supplier <input type="checkbox"/>	
						Quality <input type="checkbox"/>		
Date : _____	Sequence #: _____	QTY Affected : _____				MRB (QSI042) May, 9 2019 <i>M. Lee</i>		
Description Work Order Deviation			Disposition					
<p>The electrical wires listed under "Acceptable Alternate Wire" on the attached sheet are acceptable to use in place of the "Drawing Specified Wire"</p>			<p>This deviation is acceptable.</p> <p>No change to fit form or function.</p> <p>The job route must specify the wire that is called out on the drawing</p> <p>The inventory P/N must reflect the same P/N that was received from a vendor</p>					
								Completed By
								Lead hand / Supervisor
								QC / QA Coordinator
Root Cause		FAULT CATEGORY						
Operator <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>	Contamination <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	<div style="display: flex; justify-content: space-between;"> <div style="flex: 1;"> <p>Bending <input type="checkbox"/></p> <p>Crushing <input type="checkbox"/></p> <p>Cracks <input type="checkbox"/></p> <p>Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/></p> <p>Marks/Chatter <input type="checkbox"/></p> <p>Mislabeled <input type="checkbox"/></p> </div> <div style="flex: 1;"> <p>Misaligned/off center <input type="checkbox"/></p> <p>BOM/Route <input type="checkbox"/></p> <p>Broken/Damage/Defect <input type="checkbox"/></p> <p>Incomplete/Unclear Instructions <input type="checkbox"/></p> <p>Drill Holes <input type="checkbox"/></p> <p>Fit/Function <input type="checkbox"/></p> </div> <div style="flex: 1;"> <p>Positioned Wrong <input type="checkbox"/></p> <p>Outside Tolerance <input type="checkbox"/></p> <p>Grain Direction <input type="checkbox"/></p> <p>Weld <input type="checkbox"/></p> <p>Wrong Stock Pulled <input type="checkbox"/></p> <p>Out of Sequence <input type="checkbox"/></p> <p>Off-set/Set-up <input type="checkbox"/></p> </div> </div>				
Manufacturing Process <input type="checkbox"/>	Folio/Program <input type="checkbox"/>							
Equip/Tooling <input type="checkbox"/>	Drawing <input type="checkbox"/>							
Handling/Preservation <input type="checkbox"/>	Finish <input type="checkbox"/>							
Material <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>							
Product Improvement <input checked="" type="checkbox"/>	Misread <input type="checkbox"/>							
Process Improvement <input type="checkbox"/>								
Human Factors <input type="checkbox"/>								
Other/Details: _____								

P/N	Revision	Drawing Specified Wire	Acceptable Alternate Wire
C2	2	MIL-C-27500 11-14416	N/A
C3	2	MIL-C-27500 11-14417	N/A
C10	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C15	2	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C20	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C45	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C60	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
C250	C	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA3-4	3	EL 414-ARTIC 4/14	Texcan 01121-744A5
SWA6A-2	E	Texcan 01121-724AM	N/A
SWA6A-3	E	Texcan 01121-734A5 or 01004-08-047	N/A
SWA6A-4	E	Texcan 01121-744A5	N/A
SWA6A-6	E	Texcan 04121-764A5	N/A
SWA6A-8	E	Texcan 12701-08-014 or McMaster 7081K38	N/A
SWA10A-2	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-3	3	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA10A-4	3	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA10A-6	3	EL 616 ARTIC	Texcan 04121-764A5
SWA10A-8	3	Polar Wire 30806	Texcan 12701-08-014 or McMaster 7081K38
SWA15A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SWA15A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SWA15A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SWA15A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38
SAW25A-2	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-3	1	3/14 SJTOW	Texcan 01121-734A5 or 01004-08-047
SAW25A-4	1	EL 414 ARTIC 4/14	Texcan 01121-744A5
SAW25A-6	1	EL 616 ARTIC	Texcan 04121-764A5
SAW25A-8	1	EL 816 ARTIC	Texcan 12701-08-014 or McMaster 7081K38